

## PHYSIOLOGICAL SUPPORT DEBRIEFING

Approved For Release 2001/04/17 : CIA-RDP69B00041R000600080006-9

25X1A

DATE 16 Sep '67 ACFT 129 PILOT [REDACTED]TIME IN FLIGHT 4 + 00 TIME IN SUIT \_\_\_\_\_ PREBREATHING TIME \_\_\_\_\_

SATISFACTORY \_\_\_\_\_ UNSATISFACTORY \_\_\_\_\_

1. PHYSICAL CONDITION (PILOT)
2. SURVIVAL KIT AND CUSHION
3. PARACHUTE
4. HELMET -
- A. REFLECTIONS
- B. FACE HEAT
- C. COMMUNICATIONS
5. SUIT PROPER -
- A. CABIN DECOMPRESSION: YES  NO
6. OUTER GARMENT -
7. BOOTS AND SPURS -
8. GLOVES
9. OXYGEN SYSTEM

	DEPART	RETURN		
	TIME	AMT	TIME	AMT
#1	<u>1158</u>	<u>9</u>	<u>1545</u>	<u>8.25</u>
#2	<u>1158</u>	<u>9.25</u>	<u>1545</u>	<u>8.75</u>

10. MISCELLANEOUS
11. EVALUATION ITEMS

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- A.
  - B.
  - C.
  - D.
  - E.
- length of flight (hr)*  
*length of flight (hr)*  
*length of flight (hr)*  
*length of flight (hr)*  
*length of flight (hr)*
- length of flight (hr)*  
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12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓1. Packet in pocket.
  - ✓2. Stirrups secured.
  - ✓3. Communication secured and functioning.
  - ✓4. Face heat on (low).
  - ✓5. Oxygen hoses secured in QD.
  - ✓6. Three harness snaps secured - harness adjusted and surplus stowed.
  - ✓7. Kit adjusted and surplus stowed.
  - ✓8. Two (2) bailout hoses secured.
  - ✓9. Lap belt, shoulder harness, key secured and adjusted.
  - ✓10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
  - ✓11. Emergency oxygen lanyard secured and pin removed.
  - ✓12. Red knob secured.
  - ✓13. Green apple secured.
  - ✓14. Manual over ride handle secured.
  - ✓15. Two (2) rocket jet releases secured.
  - ✓16. Check face heat.
  - ✓17. Heat probe.
  - ✓18. Press to test both oxygen systems.
  - ✓19. Readjust lap belt.
  - ✓20. LOW oxygen pressure - #1 system 105/95 #2 system 90/95.
  - ✓21. HIGH oxygen pressure Departing #1 system 9 #2 system 9.25.  
TIME 1158
  - ✓22. Foot rest guards over seat foot rests.
  - ✓23. KIT LANYARD Hooked
- SUBJECT 1052 AIRCRAFT NUMBER 129  
TECHNICIA [REDACTED] DATE OF FLIGHT 16 Augt 67  
HIGH oxygen pressure Returning #1 system 8.25 #2 system 8.75.  
1545

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EQUIPMENT PREFLIGHT FOR HIGH FLIGHTPARACHUTE

1. Zipcord pins secured (+ pin and first stage).
2. ✓ Check power cable.
3. ✓ Pack opening chronics secured.
4. ✓ First stage jettison cord and pins secured.
5. ✓ Two (2) rocket jets secured.
6. ✓ Manual over ride handle secured.
7. ✓ Green apple secured.
8. ✓ Tea knob secured.
9. ✓ Bailout hoses adjusted for pressure suit.
10. ✓ Bailout hose connectors operating.
11. ✓ Harness adjusted for HIGH flight.
12. ✓ Automatic openers triggered and reset.
13. ✓ Aneroidics 1400' to 7700'.
14. ✓ Bailout cylinder pins secured.
15. ✓ Bailout cylinder pressure # 1800 1800
16. ✓ Communication cord secured to chute.
17. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. Vent secured at disconnect.
2. Kit secured to chute + loose.
3. Emergency oxygen lanyard secured to chute and pin installed.
4. Communication cord secured at disconnect.
5. Vent hose secured to chute.
6. Pin secured in QD and safetied.
7. ✓ Oxygen system low pressure # 90-95 75-80
8. Tip pin in "O" ring.
9. Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

SUBJECT 52

INSTRUMENT NUMBER

129

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TECHNI

16 Sept. 67SEAT KIT NUMBER 38

PARACHUTE NUMBER

139TYPE CUSHION SB

VENT HOSE NUMBER

71

T O P S E C R E T

FROM: Mission Coordinator 196

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held  
 in the Operations Briefing Room on 15 SEP 1967 at

1215 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6722

2. Date/Time of Launch (H-Hour): 16 SEP 0245 ZI 1145 L.

3. Ground Spare (H+1:00): 16 SEP 10345 ZI 1245 L.

25X1A 4. Bases: Takeoff [REDACTED] Staging [REDACTED], Landing [REDACTED] 25X1A

5. Equipment required: TYPE I CAMERA, 25X1A

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6. Ground Spare Requirements: BACK UP ACFT REQUIRED

SAME AS PARAGRAPH 5

7. Special Instructions/Comments: LAUNCH BACK UP ACFT

16 SEP 0345Z/1245L IF PRIMARY ABORTS.

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	[REDACTED]	[REDACTED]	DCOL	[REDACTED]	[REDACTED]
DCO	[REDACTED]	[REDACTED]	DCOC/MC	[REDACTED]	[REDACTED]
DCM	[REDACTED]	[REDACTED]	DCOMI	[REDACTED]	[REDACTED]
DCS	[REDACTED]	[REDACTED]	DCOW	[REDACTED]	[REDACTED]
SECUR	[REDACTED]	[REDACTED]	COMMO	[REDACTED]	[REDACTED]
FLT SURG	[REDACTED]	[REDACTED]	AFCS	[REDACTED]	(Notify Only)
DCOM	[REDACTED]	[REDACTED]	TTFC(SAC)	[REDACTED]	(Notify Only)

T O P S E C R E T

DCOZ

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

H-HOUR TIME <u>PRIMARY</u>	LOCAL TIME <u>PRIMARY</u>	H-HOUR TIME <u>SPARE</u>	LOCAL TIME <u>SPARE</u>	ITEM	<u>LOCATION</u>
H -22:30.	<u>1315</u>			Pre-Mission Physical Exam	Fit Surg
H -21:30	<u>1415</u>			Eating	A/C Mess
H-20:30	<u>1515</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1745</u>			Intelligence Review	DCOMI
H -17:00	<u>1845</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2145</u>			Eating	A/C Mess
H -13:00	<u>2245</u>			Crew Rest	Asgd House
H -4:00	<u>0745</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>0815</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>0915</u>			Breakfast	A/C Mess
H -1:20	<u>1025</u>	H +:20	<u>1025</u>	Final Physical Evaluation	DCOL
H -1:10	<u>1035</u>	H +:10	<u>1135</u>	Suiting	DCOL
H -:50	<u>1055</u>	H +:10	<u>1155</u>	Leave Ops	Transport Van
H -:45	<u>1100</u>	H +:15	<u>1200</u>	Arrive Aircraft	Hangar
H -:30	<u>1115</u>	H +:30	<u>1215</u>	Start Engine	Hangar
H -:20	<u>1125</u>	H +:40	<u>1225</u>	Taxi	Aircraft
H -:05	<u>1140</u>	H +:55	<u>1240</u>	Trim Engine	Aircraft
H -:00	<u>1145</u>	H +1:00	<u>1245</u>	Take Off	Aircraft
L +:25				Post Mission Physical	DCOL
L +:45				Ops Debrief	DCO Brief Rm
L +1:00				Mission Debrief	DCO Brief Rm
L +3:30				Released	

\* \* \* TOP SECRET \* \* \*

BX 6722

## DCOL CHECK LIST

\* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION  
 H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: .....  
 DESIGNATE LIFE SUPPORT TECHNICIANS: [REDACTED] 1145-1215

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H-23:30: ATTEND COMMANDERS BRIEFING:.....  
 SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL..... ✓ 1215

SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL..... ✓ 1215

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON  
 SURVIVAL AND E&E ITEMS:..... ✓ 1345-1415

H-22:00 TO H-17:00: PREFLIGHT:  
 BOTH SUITS (EA PILOT)..... ✓ 1345-1845  
 PARACHUTE AND EMERGENCY O2 SYSTEMS.....  
 SEAT KIT COMPONENTS.....  
 SUIT ROOM VENT.....  
 LOX VENT UNIT.....  
 OXYGEN CYLINDERS.....  
 TEST EQUIPMENT.....  
 TRANSPORT VANS..... ✓ 1345-1815  
 ✓ 1545

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:.....  
 ✓ 1545  
 H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:..... ✓ 0945-1005  
 H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF  
 PRIMARY AND SPARE PILOTS AND AIRCRAFT:

P..... 55 / 29

S..... 29 / 31

INSTALL SEAT KIT AND PARACHUTE:.....	✓ 0945	✓ 1045
H-2:00: RECEIVE PACKET FROM INTELLIGENCE.....	✓ 0945	✓ 1045
H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:.....	✓ 1000 - 1015	✓ 1100 - 1115
H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:.....	✓ 1025 - 1035	✓ 1025 - 1035
H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:.....	✓ 1035 - 1045	✓ 1135 - 1145
H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:.....	✓ 1050 - 1055	✓ 1150 - 1155
*H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:.....	✓ 1055 - 1100	✓ 1155 - 1200
*H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK:.....	✓ 1100 - 1115	✓ 1200 - 1215
H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:.....	✓ 1115 - 1145	✓ 1215 - 1245
LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....		
DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....		
POST-FLIGHT EQUIPMENT:.....		

\* \* \* TOP SECRET \* \* \*

DCOL

25X1A

FROM: DCOL [REDACTED] (49216) 15Sep67  
SUBJECT: Access Roster for Mission BX 6722  
TO: Mission Coordinator

25X1A

	C.P. X	HANGER/COCKPIT X	DCOL X
		X	X
		X	X
		X	X
		X	X
		X	X

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[REDACTED]

DCOL

*Dear*

25X1A

FROM: DCOI [REDACTED]

15 Sep 1967

SUBJECT: Recovery Personnel for Mission BX6722

TO: DCO

25X1A

[REDACTED] 18 284 302

25X1A

[REDACTED] Major, USAF

DCOI

BX 6722

P/AC 129

S/AC 131

25X1A

P/P

S/P



FULL PRESSURE SUIT TEST LOG

SUBJECT # 105-2  
 SUIT # -4  
 OUTER GARMENT W/FLOAT GEAR -4  
 HELMET # -3  
 GLOVES # 10-1  
 BOOTS -2 QD

FLIGHT DATE 16 Sept 67  
 DON 1035  
 DOFF 1545  
 TIME IN SUIT 5+10  
 TECHNICIAN [REDACTED]

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<u>PRESS TO TEST</u>	<u>PRE-FLIGHT</u>	<u>SUBJECT TEST</u>	<u>POSTFLIGHT</u>
<u>SYSTEM #1</u>	<u>15 Sept. 67 913</u>		
Max Pressure	<u>116</u>	<u>107</u>	<u>116</u>
Differential	<u>1.6</u>	<u>1.6</u>	<u>1.6</u>
Leak Rate	<u>1050</u>	<u>250</u>	<u>400</u>
<u>SYSTEM #2</u>			
Max Pressure	<u>119</u>	<u>120</u>	<u>118</u>
Differential	<u>1.6</u>	<u>1.6</u>	<u>1.6</u>
Leak Rate	<u>1025</u>	<u>250</u>	<u>350</u>
Unpress Leak Rate	<u>400</u>	<u>300</u>	<u>800</u>
Face Heat	<u>20 -</u>		
Commo and Cord	<u>✓</u>		
pencils	<u>✓</u>		
Knife	<u>✓</u>		
Controller Number	<u>71</u>		
Packet	<u>✓</u>		
Grease Zippers	<u>✓</u>		
Check Location of CO <sub>2</sub>	<u>✓</u>		
Pressure Tap Screws	<u>✓</u>		